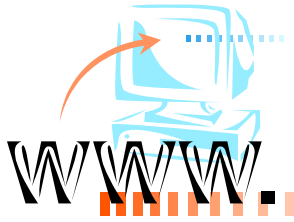


# **Successful Searching on the Internet Using Search Tools**

**GPISD Technology  
Training Manual  
Summer 2006**





# Successful Searching on the Internet Using Search Tools

## Presenter Notes

### I) Intro Information

- 1) Presenter name; session name
- 2) Reminders: turn off cell phones, no e-mailing during session, when to expect first session break, etc.
- 3) Objective: In this session, the participant will be using an activBook to learn how to develop and practice effective strategies to search and locate critical information quickly.

The wired classroom demands that students develop effective search strategies that allow them to locate the best information in the shortest time. Are there tools that you can use to support their engagement in the process? You will learn how to use search engines and metasearch tools to locate information resources online.

### II) Overview

The participant will:

- 1) Design search queries to find resources relevant to specific research tasks
- 2) Search the Internet for Web sites using index and directory search engines and a metasearch tool
- 3) Review these skills and think about ways in which you will support your students' searches for pertinent information resources

### III) Procedure

- 1) To open the activBook, go to **My Computer>Shared01 on 'Shared01' (S:)>Ed Center>Labs>Training>Searching the Internet, Part 1>Internet Search Tools.**
- 2) Once the activBook **Internet Search Tools** is opened, participants will need to click on the right arrow to proceed to the Table of Contents.

Participants will see the various "chapters" of the book, beginning with the Introduction. You may now click on the Introduction or simply

click the arrow that points to the right (in the upper right-hand corner.)

- 3) The participants will work their way through the activity as directed by the instructor. Make sure you emphasize the importance of looking at the work sample at the beginning in the Introduction. This will help the participants focus on what is expected when they complete their searches.
- 4) Become familiar with the different search engines that are presented in the activBook so as to be ready to help participants answer specific questions.
- 5) Once the activity is complete, take the time to discuss its use in the classroom.

On completing this activBook, the participant should have:

A Word table (**Compare Internet Search Tools**) that will help them to understand the differences between - and evaluate the usefulness of - a variety of search engines and search tools.

- What are the advantages to using this activity in the labs or in the classroom?
- Which search tools or search engines were more effective?
- Would this activity be best accomplished independently or collaboratively?

Participants will use the following three tables at the end of the session.  
Very important: please take the time to become familiar with this chart.

# Internet Search Tools: A Comparison

You are going to compare a number of search tools. Choose one topic to investigate so that you can make valid comparisons. After searching and receiving results, take some time to look at the 'hits' that the search engine returned.

## 1. Perform a basic search with a keyword or phrase.

Keyword or Phrase:					
Name of Search Tool	Number of Results	Results Quality (Usefulness, effectiveness, ranking)	Specific Comments (Site organization, features, response time)	Help feature user-friendly?	Overall Comment or Rating
Search Engine <a href="http://www.google.com">www.google.com</a>					
Search Engine Your choice: Web site address here					
Metasearch <a href="http://www.mamma.com">http://www.mamma.com</a>					

## 2. Refine your search by adding quotation marks, operators, or symbols.

Keyword or Phrase:					
Name of Search Tool	Number of Results	Results Quality (Usefulness, effectiveness, ranking)	Specific Comments (Site organization, features, response time)	Help feature user-friendly?	Overall Comment or Rating
Search Engine <a href="http://www.google.com">www.google.com</a>					
Search Engine Your choice: Web site address here					
Metasearch <a href="http://www.mamma.com">http://www.mamma.com</a>					

3. Use a directory to find information on your topic.

Topic:				
Name of Search Directory	Results Quality (Usefulness, effective ranking)	Specific Comments (Site organization, features, response time)	Help feature user-friendly?	Overall Comment/Rating
Directory Search <a href="http://lii.org/">http://lii.org/</a>				

## **NETS accomplished in this session**

(National Educational Technology Standards presented by the International Society for Technology in Education)

### **I. TECHNOLOGY OPERATIONS AND CONCEPTS.**

*Teachers demonstrate a sound understanding of technology operations and concepts. Teachers:*

- A) demonstrate introductory knowledge, skills, and understanding of concepts related to technology
- B) demonstrate continual growth in technology knowledge and skills to stay abreast of current and emerging technologies.

### **II. PLANNING AND DESIGNING LEARNING ENVIRONMENTS AND EXPERIENCES.**

*Teachers plan and design effective learning environments and experiences supported by technology. Teachers:*

- C) identify and locate technology resources and evaluate them for accuracy and suitability.